

duplicate of IDS received  
by OIPB on 7/13/01

Page 1 of 6

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1481.0170000

APPLICATION NO.  
09/547,791

APPLICANT  
Beck et. al.

FILING DATE  
April 12, 2000

GROUP  
2163

\*ALL REFERENCES HAVE  
ALREADY BEEN CONSIDERED

PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE    | NAME             | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|--------------------|---------|------------------|-------|---------------|-------------|
| AA1                 | 3,808,410          | 04/1974 | Schlesinger      | 235   | 156           |             |
| AB1                 | 4,015,366          | 04/1977 | Hall, III        | 47    | 1             |             |
| AC1                 | 4,218,755          | 08/1980 | Root             | 364   | 900           |             |
| AD1                 | 4,766,539          | 08/1988 | Fox              | 364   | 401           |             |
| AE1                 | 4,784,150          | 11/1988 | Voorhies et al.  | 128   | 664           |             |
| AF1                 | 5,063,506          | 11/1991 | Brockwell et al. | 364   | 402           |             |
| AG1                 | 5,128,861          | 07/1992 | Kagami et al.    | 364   | 403           |             |
| AH1                 | 5,128,862          | 07/1992 | Mueller          | 364   | 405           |             |
| AI1                 | 5,130,925          | 07/1992 | Janes et al.     | 364   | 420           |             |
| AJ1                 | 5,140,523          | 08/1992 | Frankel et al.   | 364   | 420           |             |
| AK1                 | 5,168,445          | 12/1992 | Kawashima et al. | 364   | 403           |             |

FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE    | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|--------------------|---------|---------|-------|---------------|-------------|
| AL1                 | 4-135271           | 05/1992 | Japan   | G06F  | 15/21         | Yes<br>No   |
| AM1                 |                    |         |         |       |               | Yes<br>No   |
| AN1                 |                    |         |         |       |               | Yes<br>No   |
| AO1                 |                    |         |         |       |               | Yes<br>No   |
| AP1                 |                    |         |         |       |               | Yes<br>No   |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|    |   |  |
|----|---|--|
| AR | 1 | Brennan Peter J., "Portfolio Managers Weather Global Risk Management Challenge," <u>Wall Street Computer Review</u> , Dealers Digest Inc., Vol. 7, No. 1, pp. 20-22, 24, 54, 56, October 1989. |
| AS | 1 | Jensen, Cary and Anderson, Loy, <u>Harvard Graphics: The Complete Reference</u> , Osborne McGraw-Hill, pp. 5, 16, 17, 126-129, 737-747, 1990.  |
| AT | 1 | Cave Tom, "Weather Service Is a Boon To System Dispatchers," <u>Transmission &amp; Distribution</u> , Vol. 43, No. 8, pp. 165, 166, 168-169, August 1991.                                      |

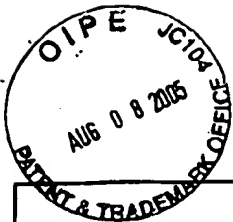
EXAMINER

SLG73

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE    | NAME            | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-----------------|-------|---------------|-------------|
|                     | AA2 | 5,189,606          | 02/1993 | Burns et al.    | 364   | 401           |             |
|                     | AB2 | 5,208,665          | 05/1993 | McCalley et al. | 358   | 86            |             |
|                     | AC2 | 5,237,496          | 08/1993 | Kagami et al.   | 364   | 401           |             |
|                     | AD2 | 5,250,941          | 10/1993 | McGregor et al. | 340   | 825.65        |             |
|                     | AE2 | 5,253,165          | 10/1993 | Leiseca et al.  | 364   | 407           |             |
|                     | AF2 | 5,253,181          | 10/1993 | Marui et al.    | 716   | 17            |             |
|                     | AG2 | 5,283,865          | 02/1994 | Johnson         | 395   | 161           |             |
|                     | AH2 | 5,295,069          | 03/1994 | Hersey et al.   | 364   | 419.17        |             |
|                     | AI2 | 5,309,355          | 05/1994 | Lockwood        | 364   | 401           |             |
|                     | AJ2 | 5,491,629          | 02/1996 | Fox et al.      | 364   | 420           |             |
|                     | AK2 | 5,521,813          | 05/1996 | Fox et al.      | 364   | 401           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL2 |                    |      |         |       |               | Yes<br>No   |
|                     | AM2 |                    |      |         |       |               | Yes<br>No   |
|                     | AN2 |                    |      |         |       |               | Yes<br>No   |
|                     | AO2 |                    |      |         |       |               | Yes<br>No   |
|                     | AP2 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |   |
|--|----|---|---|
|  | AR | 2 | Mitchell et al., "Where No Computer Has Gone Before: Massively Parallel Processing Promises Unparalleled Performance," McGraw-Hill Inc., Business Week, pp. 80-84, 88, November 25, 1991. |
|  | AS | 2 | Engle, R.F. et al, "Modelling Peak Electricity Demand," John Wiley & Sons, Ltd., Journal of Forecasting, Vol. 11, No. 3, pp. 241-251, April 1992.   |
|  | AT | 2 | Microsoft Access® User's Guide, Microsoft Corporation, pp. 22-27, 36-39, 327-335, 370-373, 395-447, 1992.   |

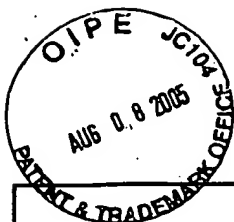
EXAMINER

*S. Daz*

DATE CONSIDERED

*9/16/05*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE    | NAME              | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-------------------|-------|---------------|-------------|
|                     | AA3 | 5,712,985          | 01/1998 | Lee et al.        | 395   | 207           |             |
|                     | AB3 | 5,796,932          | 08/1998 | Fox et al.        | 345   | 326           |             |
|                     | AC3 | 5,855,006          | 12/1998 | Huemoeller et al. | 705   | 9             |             |
|                     | AD3 | 6,018,640          | 01/2000 | Blackman et al.   | 399   | 364           |             |
|                     | AE3 | 6,035,285          | 03/2000 | Schlect et al.    | 705   | 30            |             |
|                     | AF3 | 6,067,525          | 05/2000 | Johnson et al.    | 705   | 10            |             |
|                     | AG3 |                    |         |                   |       |               |             |
|                     | AH3 |                    |         |                   |       |               |             |
|                     | AI3 |                    |         |                   |       |               |             |
|                     | AJ3 |                    |         |                   |       |               |             |
|                     | AK3 |                    |         |                   |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL3 |                    |      |         |       |               | Yes<br>No   |
|                     | AM3 |                    |      |         |       |               | Yes<br>No   |
|                     | AN3 |                    |      |         |       |               | Yes<br>No   |
|                     | AO3 |                    |      |         |       |               | Yes<br>No   |
|                     | AP3 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |  |  |  |  |  |
|--|----|---|--|--|--|--|--|
|  | AR | 3 | Ehrenberg, A.S.C. et al., "The After Effects of Price-Related Consumer Promotions," Advertising Research Foundation, Inc., <u>Journal of Advertising Research</u> , Vol. 34, No. 4, pp. 11-22, July/August 1994. |  |  |  |  |
|  | AS | 3 | Patent Abstracts of Japan, JP 1236396, published September 21, 1989.   |  |  |  |  |
|  | AT | 3 | Patent Abstracts of Japan, JP 1259488, published October 17, 1989.   |  |  |  |  |

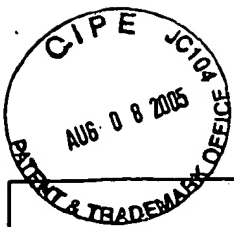
EXAMINER

S. Diaz

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



|  |                                  |                               |
|--|----------------------------------|-------------------------------|
| FORM PTO-1449<br><b>INFORMATION DISCLOSURE STATEMENT</b> | ATTY. DOCKET NO.<br>1481.0170000 | APPLICATION NO.<br>09/547,791 |
|  | APPLICANT<br>Beck et al.         |                               |
|  | FILING DATE<br>April 12, 2000    | GROUP<br>2163                 |

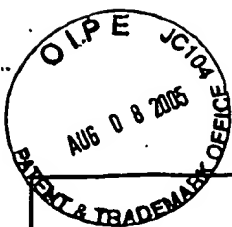
| U.S. PATENT DOCUMENTS |     |                    |      |      |       |               |             |
|-----------------------|-----|--------------------|------|------|-------|---------------|-------------|
| EXAMINER<br>INITIAL   |     | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|                       | AA3 |                    |      |      |       |               |             |
|                       | AB3 |                    |      |      |       |               |             |
|                       | AC3 |                    |      |      |       |               |             |
|                       | AD3 |                    |      |      |       |               |             |
|                       | AE3 |                    |      |      |       |               |             |
|                       | AF3 |                    |      |      |       |               |             |
|                       | AG3 |                    |      |      |       |               |             |
|                       | AH3 |                    |      |      |       |               |             |
|                       | AI3 |                    |      |      |       |               |             |
|                       | AJ3 |                    |      |      |       |               |             |
|                       | AK3 |                    |      |      |       |               |             |

| FOREIGN PATENT DOCUMENTS |     |                    |      |         |       |               |             |
|--------------------------|-----|--------------------|------|---------|-------|---------------|-------------|
| EXAMINER<br>INITIAL      |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|                          | AL3 |                    |      |         |       |               | Yes<br>No   |
|                          | AM3 |                    |      |         |       |               | Yes<br>No   |
|                          | AN3 |                    |      |         |       |               | Yes<br>No   |
|                          | AO3 |                    |      |         |       |               | Yes<br>No   |
|                          | AP3 |                    |      |         |       |               | Yes<br>No   |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |   |   |
|--|----|---|---|
|  | AR | 4 | Patent Abstracts of Japan, JP 2268396, published November 2, 1990.  |
|  | AS | 4 | Patent Abstracts of Japan, JP 2299059, published December 11, 1990. |
|  | AT | 4 | Patent Abstracts of Japan, JP 4072896, published March 11, 1992     |

|                          |                                |
|--------------------------|--------------------------------|
| EXAMINER <i>S. D. 22</i> | DATE CONSIDERED <i>9/16/05</i> |
|--------------------------|--------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|------|------|-------|---------------|-------------|
|                     | AA3 |                    |      |      |       |               |             |
|                     | AB3 |                    |      |      |       |               |             |
|                     | AC3 |                    |      |      |       |               |             |
|                     | AD3 |                    |      |      |       |               |             |
|                     | AE3 |                    |      |      |       |               |             |
|                     | AF3 |                    |      |      |       |               |             |
|                     | AG3 |                    |      |      |       |               |             |
|                     | AH3 |                    |      |      |       |               |             |
|                     | AI3 |                    |      |      |       |               |             |
|                     | AJ3 |                    |      |      |       |               |             |
|                     | AK3 |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL3 |                    |      |         |       |               | Yes<br>No   |
|                     | AM3 |                    |      |         |       |               | Yes<br>No   |
|                     | AN3 |                    |      |         |       |               | Yes<br>No   |
|                     | AO3 |                    |      |         |       |               | Yes<br>No   |
|                     | AP3 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |  |
|--|----|---|--|
|  | AR | 5 | Patent Abstracts of Japan, JP 4135271, published May 8, 1992.      |
|  | AS | 5 | Patent Abstracts of Japan, JP 4353970, published December 8, 1992. |
|  | AT | 5 | Patent Abstracts of Japan, JP 5189406, published July 30, 1993.    |

EXAMINER

S. D. 87

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



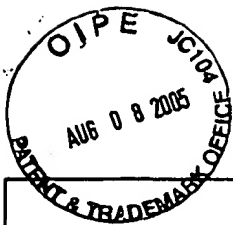
|  |                                  |                               |
|--|----------------------------------|-------------------------------|
| FORM PTO-1449<br><u>INFORMATION DISCLOSURE STATEMENT</u> | ATTY. DOCKET NO.<br>1481.0170000 | APPLICATION NO.<br>09/547,791 |
|  | APPLICANT<br>Beck et al.         |                               |
|  | FILING DATE<br>April 12, 2000    | GROUP<br>2163                 |

| U.S. PATENT DOCUMENTS |     |                 |      |      |       |           |             |
|-----------------------|-----|-----------------|------|------|-------|-----------|-------------|
| EXAMINER INITIAL      |     | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|                       | AA3 |                 |      |      |       |           |             |
|                       | AB3 |                 |      |      |       |           |             |
|                       | AC3 |                 |      |      |       |           |             |
|                       | AD3 |                 |      |      |       |           |             |
|                       | AE3 |                 |      |      |       |           |             |
|                       | AF3 |                 |      |      |       |           |             |
|                       | AG3 |                 |      |      |       |           |             |
|                       | AH3 |                 |      |      |       |           |             |
|                       | AI3 |                 |      |      |       |           |             |
|                       | AJ3 |                 |      |      |       |           |             |
|                       | AK3 |                 |      |      |       |           |             |

| FOREIGN PATENT DOCUMENTS |     |                 |      |         |       |           |             |
|--------------------------|-----|-----------------|------|---------|-------|-----------|-------------|
| EXAMINER INITIAL         |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|                          | AL3 |                 |      |         |       |           | Yes<br>No   |
|                          | AM3 |                 |      |         |       |           | Yes<br>No   |
|                          | AN3 |                 |      |         |       |           | Yes<br>No   |
|                          | AO3 |                 |      |         |       |           | Yes<br>No   |
|                          | AP3 |                 |      |         |       |           | Yes<br>No   |

| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) |    |   |  |
|--|----|---|--|
|  | AR | 6 | Patent Abstracts of Japan, JP 6076161, published March 18, 1994. |
|  | AS | 6 | Patent Abstracts of Japan, JP 6149833, published May 31, 1994.   |
|  | AT | 6 |  |

|  |                                   |
|--|-----------------------------------|
| EXAMINER<br><i>S. Ditz</i>   | DATE CONSIDERED<br><i>9/16/05</i> |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |                                   |



FORM PTO-1449

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANTS  
Beck et al.FILING DATE  
April 12, 2000GROUP  
3623

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE      | NAME         | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|----|--------------------|-----------|--------------|-------|---------------|-------------|
|                     | AA | 5,295,064          | 3/15/1994 | Malec et al. |       |               |             |
|                     | AB |                    |           |              |       |               |             |
|                     | AC |                    |           |              |       |               |             |
|                     | AD |                    |           |              |       |               |             |
|                     | AE |                    |           |              |       |               |             |
|                     | AF |                    |           |              |       |               |             |
|                     | AG |                    |           |              |       |               |             |
|                     | AH |                    |           |              |       |               |             |
|                     | AI |                    |           |              |       |               |             |
|                     | AJ |                    |           |              |       |               |             |
|                     | AK |                    |           |              |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL |                    |      |         |       |               | Yes<br>No   |
|                     | AM |                    |      |         |       |               | Yes<br>No   |
|                     | AN |                    |      |         |       |               | Yes<br>No   |
|                     | AO |                    |      |         |       |               | Yes<br>No   |
|                     | AP |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |   |
|--|----|---|---|
|  | AR | 6 | Best, D.L. and Pryor, S.P., Air Weather Service Model Output Statistics System Project Report, United States Air Force, Entire Report submitted (October 1983). |
|  | AS | 6 | Demand Modeling & Forecasting System Product Description, Printed from DIALOG File No. 256, 1 page (August 1984 - Product Release Date).                        |
|  | AT | 6 | Down to Earth Sales Analysis 3.1 Product Description, Printed from DIALOG File No. 256, 1 page (April 1989 - Product Release Date).                             |

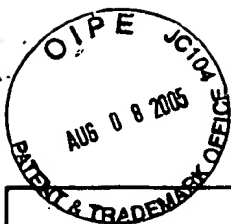
EXAMINER

S. D. Galy

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANTS  
Beck et al.FILING DATE  
April 12, 2000GROUP  
3623

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|----|--------------------|------|------|-------|---------------|-------------|
|                     | AA |                    |      |      |       |               |             |
|                     | AB |                    |      |      |       |               |             |
|                     | AC |                    |      |      |       |               |             |
|                     | AD |                    |      |      |       |               |             |
|                     | AE |                    |      |      |       |               |             |
|                     | AF |                    |      |      |       |               |             |
|                     | AG |                    |      |      |       |               |             |
|                     | AH |                    |      |      |       |               |             |
|                     | AI |                    |      |      |       |               |             |
|                     | AJ |                    |      |      |       |               |             |
|                     | AK |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL |                    |      |         |       |               | Yes<br>No   |
|                     | AM |                    |      |         |       |               | Yes<br>No   |
|                     | AN |                    |      |         |       |               | Yes<br>No   |
|                     | AO |                    |      |         |       |               | Yes<br>No   |
|                     | AP |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |          |  |
|--|----|----------|--|
|  | AR | <u>1</u> | Hurrell, M., "The Weather Business," <i>Intercity</i> , pp. 29, 31 and 32 (February 1991).                                   |
|  | AS | <u>1</u> | IMREX Demand Forecasting System Product Description, Printed from DIALOG File No. 256, 1 page (1984 - Product Release Date). |
|  | AT | <u>1</u> | The Weather Initiative, (Brochure), The Met Office, 23 pages (1990).   |

EXAMINER

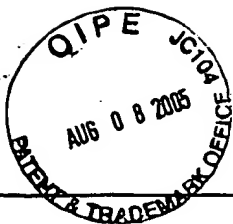
*S. D. G.*

DATE CONSIDERED

*9/16/05*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANTS  
Beck et al.FILING DATE  
April 12, 2000GROUP  
3623

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|----|--------------------|------|------|-------|---------------|-------------|
|                     | AA |                    |      |      |       |               |             |
|                     | AB |                    |      |      |       |               |             |
|                     | AC |                    |      |      |       |               |             |
|                     | AD |                    |      |      |       |               |             |
|                     | AE |                    |      |      |       |               |             |
|                     | AF |                    |      |      |       |               |             |
|                     | AG |                    |      |      |       |               |             |
|                     | AH |                    |      |      |       |               |             |
|                     | AI |                    |      |      |       |               |             |
|                     | AJ |                    |      |      |       |               |             |
|                     | AK |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL |                    |      |         |       |               | Yes<br>No   |
|                     | AM |                    |      |         |       |               | Yes<br>No   |
|                     | AN |                    |      |         |       |               | Yes<br>No   |
|                     | AO |                    |      |         |       |               | Yes<br>No   |
|                     | AP |                    |      |         |       |               | Yes<br>No   |

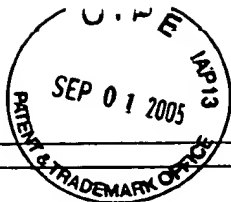
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |   |   |
|--|----|---|---|
|  | AR | 8 | Microsoft Excel User's Guide, Microsoft Corporation, pp. 280-281, 596-601 and 706-709 (1993). |
|  | AS | 8 |   |
|  | AT | 8 |   |

EXAMINER

*S. Diaz*DATE CONSIDERED *9/16/05*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

|                                  |                               |
|----------------------------------|-------------------------------|
| ATTY. DOCKET NO.<br>1481.0170000 | APPLICATION NO.<br>09/547,791 |
| FIRST NAMED INVENTOR<br>Beck     |                               |
| FILING DATE<br>April 12, 2000    | ART UNIT<br>2163              |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |     | DOCUMENT NUMBER | DATE    | NAME                       | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----|-----------------|---------|----------------------------|-------|-----------|-------------|
| SMD              | AA1 | 4,040,629       | 08/1977 | Kelly                      |       |           |             |
| SMD              | AB1 | 4,580,814       | 04/1986 | Berler                     |       |           |             |
| SMD              | AC1 | 4,642,775       | 02/1987 | Cline <i>et al.</i>        |       |           |             |
| SMD              | AD1 | 5,263,167       | 11/1993 | Conner, Jr. <i>et al.</i>  |       |           |             |
| SMD              | AE1 | 5,377,095       | 12/1994 | Maeda <i>et al.</i>        |       |           |             |
| SMD              | AF1 | 5,444,820       | 08/1995 | Tzes <i>et al.</i>         |       |           |             |
| SMD              | AG1 | 5,504,675       | 04/1996 | Cragun <i>et al.</i>       |       |           |             |
| SMD              | AH1 | 5,654,886       | 08/1997 | Zereski, Jr. <i>et al.</i> |       |           |             |
| SMD              | AI1 | 5,673,366       | 09/1997 | Maynard <i>et al.</i>      |       |           |             |

FOREIGN PATENT DOCUMENTS

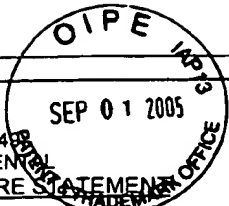
| EXAMINER INITIAL |     | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----|-----------------|---------|---------|-------|-----------|-------------|
| SMD              | AJ1 | 2 751 774       | 07/1996 | France  |       |           | NO          |
| SMD              | AK1 | 9-128411        | 05/1997 | JP      |       |           |             |
| SMD              | AL1 | 10-096790       | 04/1998 | JP      |       |           |             |
| SMD              | AM1 | 10-332840       | 12/1998 | JP      |       |           |             |

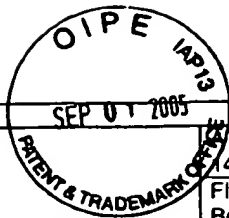
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AN | 1 | Banham, R., "Reinsurers Seek Relief in Computer Predictions", August 1993, pp. 14-16, 18-19, XP002082269, p. 14, col. 1, line 1, col. 2, line 29.        |
| SMD | AO | 1 | Chen, P.C., "Supercomputer-Based Visualization Systems Used for Analyzing Output Data of a Numerical Weather Prediction Model," ACM, pp. 296-309 (1990). |
| SMD | AP | 1 | Gagne, James, 'Fair-weather trends', May 1997, American Demographics, pp. 1-5.   |
| SMD | AQ | 1 | Gotschall, Mary G., "Bullish on weather," <i>Electric Perspectives</i> , Washington, Vol. 23, No. 5, p. 30, 8 pgs (September/October 1998).              |
| SMD | AR | 1 | <a href="http://www.bysb.com/sponsors/weathr.htm">http://www.bysb.com/sponsors/weathr.htm</a> .  |

|                             |                                   |
|-----------------------------|-----------------------------------|
| EXAMINER<br><i>L. G. 23</i> | DATE CONSIDERED<br><i>9/16/05</i> |
|-----------------------------|-----------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|   |     |                 |  | Page 2 of 9                      |                                |           |             |
|--|-----|-----------------|--|----------------------------------|--------------------------------|-----------|-------------|
| FORM PTO-1449<br>THIRD SUPPLEMENTAL<br>INFORMATION DISCLOSURE STATEMENT  |     |                 |  | ATTY. DOCKET NO.<br>1481.0170000 |                                |           |             |
| INFORMATION DISCLOSURE STATEMENT   |     |                 |  | APPLICATION NO.<br>09/547,791    |                                |           |             |
| INFORMATION DISCLOSURE STATEMENT   |     |                 |  | FIRST NAMED INVENTOR<br>Beck     |                                |           |             |
| INFORMATION DISCLOSURE STATEMENT   |     |                 |  | FILING DATE<br>April 12, 2000    |                                |           |             |
| INFORMATION DISCLOSURE STATEMENT   |     |                 |  | ART UNIT<br>2163                 |                                |           |             |
| <b>U.S. PATENT DOCUMENTS</b>   |     |                 |  |                                  |                                |           |             |
| EXAMINER<br>INITIAL  |     | DOCUMENT NUMBER | DATE   | NAME                             | CLASS                          | SUB-CLASS | FILING DATE |
| SMD  | AA2 | 5,692,233       | 11/1997  | Garman                           |                                |           |             |
| SMD  | AB2 | 5,740,549       | 04/1998  | Reilly <i>et al.</i>             |                                |           |             |
| SMD  | AC2 | 5,796,611       | 08/1998  | Ochiai <i>et al.</i>             |                                |           |             |
| SMD  | AD2 | 5,832,456       | 11/1998  | Fox <i>et al.</i>                |                                |           |             |
| SMD  | AE2 | 5,848,378       | 12/1998  | Shelton <i>et al.</i>            |                                |           |             |
| SMD  | AF2 | 5,884,286       | 03/1999  | Daughtery, III                   |                                |           |             |
| SMD  | AG2 | 5,909,671       | 06/1999  | Byford <i>et al.</i>             |                                |           |             |
| SMD  | AH2 | 5,978,738       | 11/1999  | Brown                            |                                |           |             |
| SMD  | AI2 | 5,983,200       | 11/1999  | Slotznick                        |                                |           |             |
| <b>FOREIGN PATENT DOCUMENTS</b>  |     |                 |  |                                  |                                |           |             |
| EXAMINER<br>INITIAL  |     | DOCUMENT NUMBER | DATE   | COUNTRY                          | CLASS                          | SUB-CLASS | TRANSLATION |
| SMD  | AJ2 | 11-258359       | 09/1999  | JP                               |                                |           |             |
| SMD  | AK2 | WO 98/22899     | 05/1998  | PCT                              |                                |           |             |
|  | AL2 |                 |  |                                  |                                |           |             |
|  | AM2 |                 |  |                                  |                                |           |             |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |     |                 |  |                                  |                                |           |             |
| SMD  | AN  | 2               | Hunter, R., "Forecast for Weather Derivatives: Hot Derivatives Strategy," May 1999, pp. 1-6, XP002133864, as printed from <a href="http://derivatives.com/magazine/arrive/1998/0598feal.asp">http://derivatives.com/magazine/arrive/1998/0598feal.asp</a> > p. 1, line 1--p. 6, line 9.  |                                  |                                |           |             |
| SMD  | AO  | 2               | "Japan-US Business Report, American Companies in Japan," <i>Software and Information Services</i> , vol. 1997, no. 335, August 31, 1997.   |                                  |                                |           |             |
| SMD  | AP  | 2               | Karmin, Monroe W., "Inflation, Jobs and Interest Rates: Dangerous Territory," <i>U.S. News &amp; World Report</i> , vol. 108, no. 19., p. 50, May 14, 1990.  |                                  |                                |           |             |
| SMD  | AQ  | 2               | Lucchetti, A., "Cold Winter On the Way? Some bet on it," <i>Wall Street Journal</i> , November 6, 1997.  |                                  |                                |           |             |
| SMD  | AR  | 2               | Malliaris, M., "Beating the Best: A Neutral Network Challenges the Black-Scholes Formula," <i>Proceedings of the Conference on Artificial Intelligence for Applications</i> , US, Los Alamitos, IEEE Comp. Soc. Press, 1993, pp. 445-449, XP000379639, ISBN: 0-8186-3840-0, p. 445, col., 1, line 16, p. 446, col. 1, line 17. |                                  |                                |           |             |
| EXAMINER <i>S. Ortiz</i>   |     |                 |  |                                  | DATE CONSIDERED <i>9/16/05</i> |           |             |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |     |                 |  |                                  |                                |           |             |

FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTPRIORITY, DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791FIRST NAMED INVENTOR  
BeckFILING DATE  
April 12, 2000ART UNIT  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE       | NAME                   | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|------------|------------------------|-------|-----------|-------------|
| SMD                 | AA3 | 5,999,882       | 12/1999    | Simpson <i>et al.</i>  |       |           |             |
| SMD                 | AB3 | 6,012,834       | 01/11/2000 | Dueck <i>et al.</i>    |       |           |             |
| SMD                 | AC3 | 6,021,402       | 02/2000    | Takriti                |       |           |             |
| SMD                 | AD3 | 6,061,662       | 05/2000    | Makivic                |       |           |             |
| SMD                 | AE3 | 6,144,944       | 11/2000    | Kurtzman <i>et al.</i> |       |           |             |
| SMD                 | AF3 | 6,173,276       | 01/2001    | Kant <i>et al.</i>     |       |           |             |
| SMD                 | AG3 | 6,188,960 B1    | 02/2001    | Baron <i>et al.</i>    |       |           |             |
| SMD                 | AH3 | 6,240,369 B1    | 05/2001    | Foust                  |       |           |             |
| SMD                 | AI3 | 6,263,321 B1    | 07/2001    | Daughtery, III         |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ3 |                 |      |         |       |           |             |
|                     | AK3 |                 |      |         |       |           |             |
|                     | AL3 |                 |      |         |       |           |             |
|                     | AM3 |                 |      |         |       |           |             |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AN | 3 | "Microsoft Expedia Travel Services Debuts on the Web," PR Newswire, October 22, 1996.  |
| SMD | AO | 3 | Ojala, Marydee, "The dollar sign: Weather databases online," Database, vol. 18, no. 1, pp. 72-76, February/March 1995.   |
| SMD | AP | 3 | "Origins of Option Pricing Techniques", "The Black and Scholes Model", "The Black and Scholes Model" and "Graphs of the Black Scholes Model", as printed from <a href="http://bradley.bradley.edu/about.arr/bsm">http://bradley.bradley.edu/about.arr/bsm</a> , Apr. 9, 1997, (8 pages).               |
| SMD | AQ | 3 | Pizano, A. <i>et al.</i> , "Automatic Generation of Graphical User Interfaces for Interactive Database Applications," <i>Proceedings of the 1993 International Conference on Information and Knowledge Management</i> , Association for Computing Machinery, pp. 344-355 (November 1993), XP009035258. |
| SMD | AR | 3 | Rao, S.R.; Thomas, Edward G; Javalgi, Rajshekhar G., 'Activity Preferences and Trip-Planning Behavior of the U.S. Outbound Pleasure Travel Market', Winter, 1992, Journal of Travel Research, pp 1-12.   |

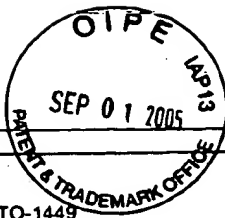
EXAMINER

J. Ortiz

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791FIRST NAMED INVENTOR  
BeckFILING DATE  
April 12, 2000ART UNIT  
2163

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE    | NAME                       | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|---------|----------------------------|-------|-----------|-------------|
| SMD                 | AA4 | 6,298,307 B1    | 10/2001 | Murphy <i>et al.</i>       |       |           |             |
| SMD                 | AB4 | 6,317,686 B1    | 11/2001 | Ran                        |       |           |             |
| SMD                 | AC4 | 6,339,747 B1    | 01/2002 | Daly <i>et al.</i>         |       |           |             |
| SMD                 | AD4 | 6,356,842 B1    | 03/2002 | Intriligator <i>et al.</i> |       |           |             |
| SMD                 | AE4 | 6,405,179 B1    | 06/2002 | Rebane                     |       |           |             |
| SMD                 | AF4 | 6,418,417 B1    | 07/2002 | Corby <i>et al.</i>        |       |           |             |
| SMD                 | AG4 | 6,496,780 B1    | 12/2002 | Harris <i>et al.</i>       |       |           |             |
| SMD                 | AH4 | 6,498,987 B1    | 12/2002 | Kelly <i>et al.</i>        |       |           |             |
| SMD                 | AI4 | 6,535,817 B1    | 03/2003 | Krishnamurti               |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ4 |                 |      |         |       |           |             |
|                     | AK4 |                 |      |         |       |           |             |
|                     | AL4 |                 |      |         |       |           |             |
|                     | AM4 |                 |      |         |       |           |             |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AN | 4 | Riordan, D. and Hansen, B.K., "A fuzzy case-based system for weather prediction," <i>Engineering Intelligent Systems</i> , Vol. 10, No. 3, CRL Publishing Ltd., pp. 139-146 (September 2002).                                 |
| SMD | AO | 4 | Schwartz, S., "Modeling tools aid in financial risk management," <i>Insurance &amp; Technology</i> , Vol. 21, No. 4, pp. 20-21 (April 1996).  |
| SMD | AP | 4 | "Skyline Multimedia Entertainment, Inc. Announces Co-Marketing Pact With Internet's InfoSpace.com; Deal Marks Theme Entertainment Company's Expansion Into Tour Industry Services," <i>Business Wire</i> , September 4, 1998. |
| SMD | AQ | 4 | Stix, G., "A Calculus of Risk," <i>Scientific American</i> , pp. 92-97 (May 1998).  |
| SMD | AR | 4 | Studwell, A., "Weather Derivatives," 11 <sup>th</sup> <i>Conference on Applied Climatology</i> , January 10-15, 1999, pp. 36-40, XP00089822, p. 36, col. 1, line 1-p. 40, col. 1, line 33.                                    |

EXAMINER

J. Diaz

DATE CONSIDERED 9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

|   |  |
|---|--|
| Page 5 of 9   |  |
| FORM PTO-1449<br>THIRD SUPPLEMENTAL<br>INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO.<br>1481.0170000<br>APPLICATION NO.<br>09/547,791<br>FIRST NAMED INVENTOR<br>Beck<br>FILING DATE<br>April 12, 2000<br>ART UNIT<br>2163 |

### U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |     | DOCUMENT NUMBER | DATE    | NAME                       | CLASS | SUB-CLASS | FILING DATE |
|------------------|-----|-----------------|---------|----------------------------|-------|-----------|-------------|
| SMD              | AA5 | 6,581,008 B2    | 06/2003 | Intriligator <i>et al.</i> |       |           |             |
| SMD              | AB5 | 6,584,447 B1    | 06/2003 | Fox <i>et al.</i>          |       |           |             |
| SMD              | AC5 | 2002/0026284 A1 | 02/2002 | Brown                      |       |           |             |
| SMD              | AD5 | 2002/0032644 A1 | 03/2002 | Corby <i>et al.</i>        |       |           |             |
| SMD              | AE5 | 2002/0091692 A1 | 07/2002 | Yoshida <i>et al.</i>      |       |           |             |
| SMD              | AF5 | 2002/0107638 A1 | 08/2002 | Intriligator <i>et al.</i> |       |           |             |
| SMD              | AG5 | 2002/0130899 A1 | 09/2002 | Ryan <i>et al.</i>         |       |           |             |
| SMD              | AH5 | 2002/0133385 A1 | 09/2002 | Fox <i>et al.</i>          |       |           |             |
| SMD              | AI5 | 2002/0194113 A1 | 12/2002 | Lof <i>et al.</i>          |       |           |             |

### FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                  | AJ5 |                 |      |         |       |           |             |
|                  | AK5 |                 |      |         |       |           |             |
|                  | AL5 |                 |      |         |       |           |             |
|                  | AM5 |                 |      |         |       |           |             |

### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AN | 5 | Turvey, Calum G., "Weather Derivatives and Specific Event Risk," <i>Proceedings of the 1999 American Agricultural Economics Association Annual Meeting</i> , American Agricultural Economics Association (August 1999). |
| SMD | AO | 5 | Turvey, Calum, "Weather Derivatives for Specific Event Risks in Agriculture," <i>Review of Agricultural Economics</i> , American Agricultural Economics Association, Vol. 23, No. 2, pp. 333-51 (Spring/Summer 2001).   |
| SMD | AP | 5 | Upbin, B., "Betting against God," <i>Forbes</i> , Vol. 162, No. 1, p. 108(1) (July 6, 1998).  |
| SMD | AQ | 5 | "Unilicorp's Aquila energy to Greatly Expand it's Weather Hedging Products", Nov. 20, 1997, McGraw-Hill Publications, vol. 17, No. 1, p. 4.   |
| SMD | AR | 5 | "WeatherPlanner Introduces Weather Forecasting Service for Consumers and Small Businesses," PR Newswire, November 11, 1997.   |

|                         |                                |
|-------------------------|--------------------------------|
| EXAMINER <i>A. Diaz</i> | DATE CONSIDERED <i>9/16/05</i> |
|-------------------------|--------------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791FIRST NAMED INVENTOR  
BeckFILING DATE  
April 12, 2000ART UNIT  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE    | NAME                    | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|---------|-------------------------|-------|-----------|-------------|
| SMD                 | AA6 | 2003/0004780 A1 | 01/2003 | Smith <i>et al.</i>     |       |           |             |
| SMD                 | AB6 | 2003/0200027 A1 | 10/2003 | Root <i>et al.</i>      |       |           |             |
| SMD                 | AC6 | 2004/0215394    | 10/2004 | Carpenter <i>et al.</i> |       |           |             |
| SMD                 | AD6 | 2004/0225556    | 11/2004 | Willen <i>et al.</i>    |       |           |             |
| SMD                 | AE6 | 2004/0230519    | 11/2004 | Parker                  |       |           |             |
|                     | AF6 |                 |         |                         |       |           |             |
|                     | AG6 |                 |         |                         |       |           |             |
|                     | AH6 |                 |         |                         |       |           |             |
|                     | AI6 |                 |         |                         |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ6 |                 |      |         |       |           |             |
|                     | AK6 |                 |      |         |       |           |             |
|                     | AL6 |                 |      |         |       |           |             |
|                     | AM6 |                 |      |         |       |           |             |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AN | 6 | "WeatherPlanner Introduces Weather Forecasting Service for Skiers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, December 12, 1997.   |
| SMD | AO | 6 | "WeatherPlanner Introduces Weather Forecasting Service for Vacationers; Revolutionary Planning Tool Provides Forecasts up to 12 Months in Advance," PR Newswire, March 19, 1998. |
| SMD | AP | 6 | "WeatherPlanner Introduces Weather Forecasting Service to Aid Brides in Planning Weddings and Honeymoons," PR Newswire, December 9, 1997.  |
| SMD | AQ | 6 | "WeatherPlanner Offers Weather Forecasting Service for Outdoor Enthusiasts; Weather Forecasts Now Available up to 12 Months in Advance," PR Newswire, March 6, 1998.             |
| SMD | AR | 6 | "WeatherPlanner Tees Up Weather Forecasting Service for Golfers; Weather Forecasts Now Available up to 12 Months in Advance," PR Newswire, May 5, 1998.                          |

EXAMINER

*A. Diaz*

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
THIRD SUPPLEMENTARY  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791FIRST NAMED INVENTOR  
BeckFILING DATE  
April 12, 2000ART UNIT  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|------|------|-------|-----------|-------------|
|                     | AA7 |                 |      |      |       |           |             |
|                     | AB7 |                 |      |      |       |           |             |
|                     | AC7 |                 |      |      |       |           |             |
|                     | AD7 |                 |      |      |       |           |             |
|                     | AE7 |                 |      |      |       |           |             |
|                     | AF7 |                 |      |      |       |           |             |
|                     | AG7 |                 |      |      |       |           |             |
|                     | AH7 |                 |      |      |       |           |             |
|                     | AI7 |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ7 |                 |      |         |       |           |             |
|                     | AK7 |                 |      |         |       |           |             |
|                     | AL7 |                 |      |         |       |           |             |
|                     | AM7 |                 |      |         |       |           |             |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AN | Z | "Web WeatherPlanner Site for Weather Predictions," Newsbytes News Network, December 12, 1997.   |
| SMD | AO | Z | Williams, Michael <i>et al.</i> , "Natural Gas Trends," Railroad Commission of Texas Gas Services Division Regulatory Analysis & Policy Section, July 28, 2003. |
| SMD | AP | Z | www.intellicast.com, Screen Print, July 4, 1998.  |
| SMD | AQ | Z | wysiwyg://171/http://www.aquilaenergy.com/northamerica/about/.  |
| SMD | AR | Z | English Abstract of French Patent Publication No. 2 751 774, 1 page, data supplied from the esp@cenet database.   |

EXAMINER

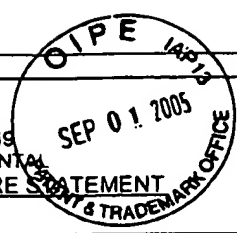
S19143

DATE CONSIDERED

9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

Page 8 of 9

ATTY. DOCKET NO.  
1481.0170000

APPLICATION NO.  
09/547,791

FIRST NAMED INVENTOR  
Beck

FILING DATE  
April 12, 2000

ART UNIT  
2163

### U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|------|------|-------|-----------|-------------|
|                     | AA8 |                 |      |      |       |           |             |
|                     | AB8 |                 |      |      |       |           |             |
|                     | AC8 |                 |      |      |       |           |             |
|                     | AD8 |                 |      |      |       |           |             |
|                     | AE8 |                 |      |      |       |           |             |
|                     | AF8 |                 |      |      |       |           |             |
|                     | AG8 |                 |      |      |       |           |             |
|                     | AH8 |                 |      |      |       |           |             |
|                     | AI8 |                 |      |      |       |           |             |

### FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ8 |                 |      |         |       |           |             |
|                     | AK8 |                 |      |         |       |           |             |
|                     | AL8 |                 |      |         |       |           |             |
|                     | AM8 |                 |      |         |       |           |             |

### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AN | 8 | English Abstract of Japanese Patent Publication No. 9-128411, 1 page, data supplied from the esp@cenet database.       |
| SMD | AO | 8 | English Abstract Page for Japanese Patent Publication No. 10096790, 1 page, data supplied from the esp@cenet database. |
| SMD | AP | 8 | English Abstract Page for Japanese Patent Publication No. 10332840, 1 page, data supplied from the esp@cenet database. |
| SMD | AQ | 8 | English Abstract Page for Japanese Patent Publication No. 11258359, 1 page, data supplied from the esp@cenet database. |
| SMD | AR | 8 | Copy of International Search Report from PCT Appl. No. PCT/US93/11005, 5 pages, mailed Jun. 27, 1994.                  |

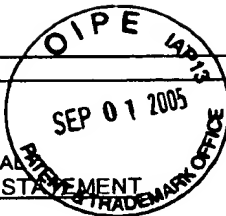
EXAMINER

*S. D. 93*

DATE CONSIDERED

*9/16/05*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  
THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791FIRST NAMED INVENTOR  
BeckFILING DATE  
April 12, 2000ART UNIT  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|-----------------|------|------|-------|-----------|-------------|
|                     | AA9 |                 |      |      |       |           |             |
|                     | AB9 |                 |      |      |       |           |             |
|                     | AC9 |                 |      |      |       |           |             |
|                     | AD9 |                 |      |      |       |           |             |
|                     | AE9 |                 |      |      |       |           |             |
|                     | AF9 |                 |      |      |       |           |             |
|                     | AG9 |                 |      |      |       |           |             |
|                     | AH9 |                 |      |      |       |           |             |
|                     | AI9 |                 |      |      |       |           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|-----------------|------|---------|-------|-----------|-------------|
|                     | AJ9 |                 |      |         |       |           |             |
|                     | AK9 |                 |      |         |       |           |             |
|                     | AL9 |                 |      |         |       |           |             |
|                     | AM9 |                 |      |         |       |           |             |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AN | 9 | Copy of International Search Report from PCT Appl. No. PCT/US95/00618, 2 pages, mailed May 3, 1995.  |
| SMD | AO | 9 | Copy of International Search Report from PCT Appl. No. PCT/US95/02557, 3 pages, mailed Jun. 8, 1995. |
| SMD | AP | 9 | Copy of International Search Report from PCT Appl. No. PCT/US97/01075, 2 pages, mailed May 14, 1997. |
| SMD | AQ | 9 | Copy of International Search Report from PCT Appl. No. PCT/US99/23452, 3 pages, mailed Jun. 4, 2000. |
| SMD | AR | 9 | Copy of International Search Report from PCT Appl. No. PCT/US04/32440, 2 pages, mailed May 27, 2005. |

EXAMINER

A. Diaz

DATE CONSIDERED

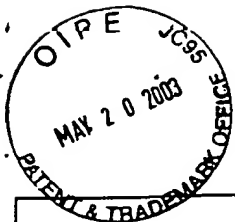
9/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



|  |    |                    |   |                                  |                            |                               |             |
|--|----|--------------------|---|----------------------------------|----------------------------|-------------------------------|-------------|
| FORM PTO-1449  |    |                    |   | ATTY. DOCKET NO.<br>1481.0170000 |                            | APPLICATION NO.<br>09/547,791 |             |
| SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  |    |                    |   | APPLICANTS<br>Beck et al.        |                            |                               |             |
|  |    |                    |   | FILING DATE<br>April 12, 2000    |                            | GROUP<br>3623                 |             |
| U.S. PATENT DOCUMENTS  |    |                    |   |                                  |                            |                               |             |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE  | NAME                             | CLASS                      | SUB-<br>CLASS                 | FILING DATE |
| SMD  | AA | 5,295,064          | 3/15/1994   | Malec et al.                     |                            |                               |             |
|  | AB |                    |   |                                  |                            |                               |             |
|  | AC |                    |   |                                  |                            |                               |             |
|  | AD |                    |   |                                  |                            |                               |             |
|  | AE |                    |   |                                  |                            |                               |             |
|  | AF |                    |   |                                  |                            |                               |             |
|  | AG |                    |   |                                  |                            |                               |             |
|  | AH |                    |   |                                  |                            |                               |             |
|  | AI |                    |   |                                  |                            |                               |             |
|  | AJ |                    |   |                                  |                            |                               |             |
|  | AK |                    |   |                                  |                            |                               |             |
| FOREIGN PATENT DOCUMENTS   |    |                    |   |                                  |                            |                               |             |
| EXAMINER<br>INITIAL  |    | DOCUMENT<br>NUMBER | DATE  | COUNTRY                          | CLASS                      | SUB-<br>CLASS                 | TRANSLATION |
|  | AL |                    |   |                                  |                            |                               | Yes<br>No   |
|  | AM |                    |   |                                  |                            |                               | Yes<br>No   |
|  | AN |                    |   |                                  |                            |                               | Yes<br>No   |
|  | AO |                    |   |                                  |                            |                               | Yes<br>No   |
|  | AP |                    |   |                                  |                            |                               | Yes<br>No   |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.)   |    |                    |   |                                  |                            |                               |             |
| SMD  | AR | 6                  | Best, D.L. and Pryor, S.P., <i>Air Weather Service Model Output Statistics System Project Report</i> , United States Air Force, Entire Report submitted (October 1983). |                                  |                            |                               |             |
| SMD  | AS | 6                  | <i>Demand Modeling &amp; Forecasting System Product Description</i> , Printed from DIALOG File No. 256, 1 page (August 1984 - Product Release Date).                    |                                  |                            |                               |             |
| SMD  | AT | 6                  | <i>Down to Earth Sales Analysis 3.1 Product Description</i> , Printed from DIALOG File No. 256, 1 page (April 1989 - Product Release Date).                             |                                  |                            |                               |             |
| EXAMINER<br>SMD  |    |                    |   |                                  | DATE CONSIDERED<br>2/26/05 |                               |             |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |    |                    |   |                                  |                            |                               |             |

RECEIVED  
MAY 29 2003  
GROUP 3600



FORM PTO-1449

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAPPLICANTS  
Beck et al.FILING DATE  
April 12, 2000GROUP  
3623

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|----|--------------------|------|------|-------|---------------|-------------|
|                     | AA |                    |      |      |       |               |             |
|                     | AB |                    |      |      |       |               |             |
|                     | AC |                    |      |      |       |               |             |
|                     | AD |                    |      |      |       |               |             |
|                     | AE |                    |      |      |       |               |             |
|                     | AF |                    |      |      |       |               |             |
|                     | AG |                    |      |      |       |               |             |
|                     | AH |                    |      |      |       |               |             |
|                     | AI |                    |      |      |       |               |             |
|                     | AJ |                    |      |      |       |               |             |
|                     | AK |                    |      |      |       |               |             |

RECEIVED  
MAY 20 2003  
GROUP 3600

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL |                    |      |         |       |               | Yes<br>No   |
|                     | AM |                    |      |         |       |               | Yes<br>No   |
|                     | AN |                    |      |         |       |               | Yes<br>No   |
|                     | AO |                    |      |         |       |               | Yes<br>No   |
|                     | AP |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMJ | AR | 1 | Hurrell, M., "The Weather Business," <i>Intercity</i> , pp. 29, 31 and 32 (February 1991).                                   |
| SMJ | AS | 1 | IMREX Demand Forecasting System Product Description, Printed from DIALOG File No. 256, 1 page (1984 - Product Release Date). |
| SMJ | AT | 1 | The Weather Initiative, (Brochure), The Met Office, 23 pages (1990).   |

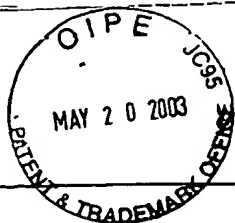
EXAMINER

S. Gray

DATE CONSIDERED

2/24/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



|  |                                  |                               |
|--|----------------------------------|-------------------------------|
| FORM PTO-1449<br>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO.<br>1481.0170000 | APPLICATION NO.<br>09/547,791 |
|  | APPLICANTS<br>Beck et al.        |                               |
|  | FILING DATE<br>April 12, 2000    | GROUP<br>3623                 |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|----|--------------------|------|------|-------|---------------|-------------|
|                     | AA |                    |      |      |       |               |             |
|                     | AB |                    |      |      |       |               |             |
|                     | AC |                    |      |      |       |               |             |
|                     | AD |                    |      |      |       |               |             |
|                     | AE |                    |      |      |       |               |             |
|                     | AF |                    |      |      |       |               |             |
|                     | AG |                    |      |      |       |               |             |
|                     | AH |                    |      |      |       |               |             |
|                     | AI |                    |      |      |       |               |             |
|                     | AJ |                    |      |      |       |               |             |
|                     | AK |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL |                    |      |         |       |               | Yes<br>No   |
|                     | AM |                    |      |         |       |               | Yes<br>No   |
|                     | AN |                    |      |         |       |               | Yes<br>No   |
|                     | AO |                    |      |         |       |               | Yes<br>No   |
|                     | AP |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AR | 8 | Microsoft Excel User's Guide, Microsoft Corporation, pp. 280-281, 596-601 and 706-709 (1993). |
|     | AS | 8 |   |
|     | AT | 8 |   |

|                    |                            |
|--------------------|----------------------------|
| EXAMINER<br>SDirry | DATE CONSIDERED<br>2/26/05 |
|--------------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE    | NAME             | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|------------------|-------|---------------|-------------|
| SMD                 | AA1 | 3,808,410          | 04/1974 | Schlesinger      | 235   | 156           |             |
|                     | AB1 | 4,015,366          | 04/1977 | Hall, III        | 47    | 1             |             |
|                     | AC1 | 4,218,755          | 08/1980 | Root             | 364   | 900           |             |
|                     | AD1 | 4,766,539          | 08/1988 | Fox              | 364   | 471           |             |
|                     | AE1 | 4,784,150          | 11/1988 | Voorhies et al.  | 128   | 664           |             |
|                     | AF1 | 5,063,506          | 11/1991 | Brockwell et al. | 354   | 402           |             |
|                     | AG1 | 5,128,861          | 07/1992 | Kagami et al.    | 364   | 403           |             |
|                     | AH1 | 5,128,862          | 07/1992 | Mueller          | 364   | 405           |             |
|                     | AI1 | 5,130,925          | 07/1992 | Janes et al.     | 364   | 420           |             |
|                     | AJ1 | 5,140,523          | 08/1992 | Frankel et al.   | 364   | 420           |             |
|                     | AK1 | 5,168,445          | 12/1992 | Kawashima et al. | 364   | 403           |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE    | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|---------|---------|-------|---------------|-------------|
| SMD                 | AL1 | 4-135271           | 05/1992 | Japan   | G06F  | 15/21         | Yes<br>No   |
|                     | AM1 |                    |         |         |       |               | Yes<br>No   |
|                     | AN1 |                    |         |         |       |               | Yes<br>No   |
|                     | AO1 |                    |         |         |       |               | Yes<br>No   |
|                     | AP1 |                    |         |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AR | 1 | Brennan Peter J., "Portfolio Managers Weather Global Risk Management Challenge," <u>Wall Street Computer Review</u> , Dealers Digest Inc., Vol. 7, No. 1, pp. 20-22, 24, 54, 56, October 1989. |
| SMD | AS | 1 | Jensen, Cary and Anderson, Loy, <u>Harvard Graphics: The Complete Reference</u> , Osborne McGraw-Hill, pp. 5, 16, 17, 126-129, 737-747, 1990.  |
| SMD | AT | 1 | Cave Tom, "Weather Service Is a Boon To System Dispatchers," <u>Transmission &amp; Distribution</u> , Vol. 43, No. 8, pp. 165, 166, 168-169, August 1991.                                      |

EXAMINER

SMD

DATE CONSIDERED 2/26/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL  |     | DOCUMENT<br>NUMBER | DATE    | NAME            | CLASS          | SUB-<br>CLASS      | FILING DATE |
|--|-----|--------------------|---------|-----------------|----------------|--------------------|-------------|
| SMD<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓<br>↓ | AA2 | 5,189,606          | 02/1993 | Burns et al.    | <del>364</del> | <del>401</del>     |             |
|  | AB2 | 5,208,665          | 05/1993 | McCalley et al. | 358            | 86                 |             |
|  | AC2 | 5,237,496          | 08/1993 | Kagami et al.   | <del>364</del> | <del>401</del>     |             |
|  | AD2 | 5,250,941          | 10/1993 | McGregor et al. | 340            | 825                |             |
|  | AE2 | 5,253,165          | 10/1993 | Leiseca et al.  | <del>364</del> | <del>407</del>     |             |
|  | AF2 | 5,253,181          | 10/1993 | Marui et al.    | 716            | 17                 |             |
|  | AG2 | 5,283,865          | 02/1994 | Johnson         | <del>395</del> | <del>161</del>     |             |
|  | AH2 | 5,295,069          | 03/1994 | Hersey et al.   | <del>364</del> | <del>419, 17</del> |             |
|  | AI2 | 5,309,355          | 05/1994 | Lockwood        | <del>364</del> | <del>401</del>     |             |
|  | AJ2 | 5,491,629          | 02/1996 | Fox et al.      | <del>364</del> | <del>420</del>     |             |
|  | AK2 | 5,521,813          | 05/1996 | Fox et al.      | <del>364</del> | <del>401</del>     |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL2 |                    |      |         |       |               | Yes<br>No   |
|                     | AM2 |                    |      |         |       |               | Yes<br>No   |
|                     | AN2 |                    |      |         |       |               | Yes<br>No   |
|                     | AO2 |                    |      |         |       |               | Yes<br>No   |
|                     | AP2 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AR | 2 | Mitchell et al., "Where No Computer Has Gone Before: Massively Parallel Processing Promises Unparalleled Performance," McGraw-Hill Inc., <u>Business Week</u> , pp. 80-84, 88, November 25, 1991. |
| SMD | AS | 2 | Engle, R.F. et al, "Modelling Peak Electricity Demand," John Wiley & Sons, Ltd., <u>Journal of Forecasting</u> , Vol. 11, No. 3, pp. 241-251, April 1992.   |
| SMD | AT | 2 | <u>Microsoft Access® User's Guide</u> , Microsoft Corporation, pp. 22-27, 36-39, 327-335, 370-373, 395-447, 1992.   |

EXAMINER

SMD

DATE CONSIDERED

2/26/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE    | NAME              | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-------------------|-------|---------------|-------------|
| SMD                 | AA3 | 5,712,985          | 01/1998 | Lee et al.        | 395   | 207           |             |
|                     | AB3 | 5,796,932          | 08/1998 | Fox et al.        | 345   | 326           |             |
|                     | AC3 | 5,855,006          | 12/1998 | Huemoeller et al. | 705   | 364           |             |
|                     | AD3 | 6,018,640          | 01/2000 | Blackman et al.   | 399   | 364           |             |
|                     | AE3 | 6,035,285          | 03/2000 | Schlect et al.    | 705   | 30            |             |
|                     | AF3 | 6,067,525          | 05/2000 | Johnson et al.    | 705   | 10            |             |
|                     | AG3 |                    |         |                   |       |               |             |
|                     | AH3 |                    |         |                   |       |               |             |
|                     | AI3 |                    |         |                   |       |               |             |
|                     | AJ3 |                    |         |                   |       |               |             |
|                     | AK3 |                    |         |                   |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL3 |                    |      |         |       |               | Yes<br>No   |
|                     | AM3 |                    |      |         |       |               | Yes<br>No   |
|                     | AN3 |                    |      |         |       |               | Yes<br>No   |
|                     | AO3 |                    |      |         |       |               | Yes<br>No   |
|                     | AP3 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AR | 3 | Ehrenberg, A.S.C. et al., "The After Effects of Price-Related Consumer Promotions," Advertising Research Foundation, Inc., <u>Journal of Advertising Research</u> , Vol. 34, No. 4, pp. 11-22, July/August 1994. |
| SMD | AS | 3 | Patent Abstracts of Japan, JP 1236396, published September 21, 1989.   |
| SMD | AT | 3 | Patent Abstracts of Japan, JP 1259488, published October 17, 1989.   |

EXAMINER

SMD

DATE CONSIDERED 2/26/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.





FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|------|------|-------|---------------|-------------|
|                     | AA3 |                    |      |      |       |               |             |
|                     | AB3 |                    |      |      |       |               |             |
|                     | AC3 |                    |      |      |       |               |             |
|                     | AD3 |                    |      |      |       |               |             |
|                     | AE3 |                    |      |      |       |               |             |
|                     | AF3 |                    |      |      |       |               |             |
|                     | AG3 |                    |      |      |       |               |             |
|                     | AH3 |                    |      |      |       |               |             |
|                     | AI3 |                    |      |      |       |               |             |
|                     | AJ3 |                    |      |      |       |               |             |
|                     | AK3 |                    |      |      |       |               |             |

RECEIVED  
JUL 17 2001  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL3 |                    |      |         |       |               | Yes<br>No   |
|                     | AM3 |                    |      |         |       |               | Yes<br>No   |
|                     | AN3 |                    |      |         |       |               | Yes<br>No   |
|                     | AO3 |                    |      |         |       |               | Yes<br>No   |
|                     | AP3 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |   |
|-----|----|---|---|
| SMD | AR | 4 | Patent Abstracts of Japan, JP 2268396, published November 2, 1990.  |
| SMD | AS | 4 | Patent Abstracts of Japan, JP 2299059, published December 11, 1990. |
| SMD | AT | 4 | Patent Abstracts of Japan, JP 4077896, published March 11, 1992     |

EXAMINER

SMD

DATE CONSIDERED

2/26/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|-----|--------------------|------|------|-------|---------------|-------------|
|                     | AA3 |                    |      |      |       |               |             |
|                     | AB3 |                    |      |      |       |               |             |
|                     | AC3 |                    |      |      |       |               |             |
|                     | AD3 |                    |      |      |       |               |             |
|                     | AE3 |                    |      |      |       |               |             |
|                     | AF3 |                    |      |      |       |               |             |
|                     | AG3 |                    |      |      |       |               |             |
|                     | AH3 |                    |      |      |       |               |             |
|                     | AI3 |                    |      |      |       |               |             |
|                     | AJ3 |                    |      |      |       |               |             |
|                     | AK3 |                    |      |      |       |               |             |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |     | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|---------------|-------------|
|                     | AL3 |                    |      |         |       |               | Yes<br>No   |
|                     | AM3 |                    |      |         |       |               | Yes<br>No   |
|                     | AN3 |                    |      |         |       |               | Yes<br>No   |
|                     | AO3 |                    |      |         |       |               | Yes<br>No   |
|                     | AP3 |                    |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|     |    |   |  |
|-----|----|---|--|
| SMD | AR | 5 | Patent Abstracts of Japan, JP 4135271, published May 8, 1992. ✓      |
| SMD | AS | 5 | Patent Abstracts of Japan, JP 4353970, published December 8, 1992. ✓ |
| SMD | AT | 5 | Patent Abstracts of Japan, JP 5189406, published July 30, 1993. ✓    |

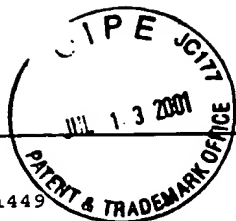
EXAMINER

*L. W. Gray*

DATE CONSIDERED

*2/26/05*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1481.0170000APPLICATION NO.  
09/547,791APPLICANT  
Beck et al.FILING DATE  
April 12, 2000GROUP  
2163

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|---------------------|--|--------------------|------|------|-------|---------------|-------------|
| <i>EAS</i>          |  | AA3                |      |      |       |               |             |
| <i>EAS</i>          |  | AB3                |      |      |       |               |             |
| <i>EAS</i>          |  | AC3                |      |      |       |               |             |
| <i>EAS</i>          |  | AD3                |      |      |       |               |             |
| <i>EAS</i>          |  | AE3                |      |      |       |               |             |
| <i>EAS</i>          |  | AF3                |      |      |       |               |             |
| <i>EAS</i>          |  | AG3                |      |      |       |               |             |
| <i>EAS</i>          |  | AH3                |      |      |       |               |             |
| <i>EAS</i>          |  | AI3                |      |      |       |               |             |
| <i>EAS</i>          |  | AJ3                |      |      |       |               |             |
| <i>EAS</i>          |  | AK3                |      |      |       |               |             |

RECEIVED  
JUL 17 2001  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT<br>NUMBER | DATE | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION |
|---------------------|--|--------------------|------|---------|-------|---------------|-------------|
| <i>EAS</i>          |  | AL3                |      |         |       |               | Yes<br>No   |
| <i>EAS</i>          |  | AM3                |      |         |       |               | Yes<br>No   |
| <i>EAS</i>          |  | AN3                |      |         |       |               | Yes<br>No   |
| <i>EAS</i>          |  | AO3                |      |         |       |               | Yes<br>No   |
| <i>EAS</i>          |  | AP3                |      |         |       |               | Yes<br>No   |

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

|                          |    |   |  |
|--------------------------|----|---|--|
| <i>SUN</i><br><i>EAS</i> | AR | 6 | Patent Abstracts of Japan, JP 6076161, published March 18, 1994. — |
| <i>SUN</i><br><i>EAS</i> | AS | 6 | Patent Abstracts of Japan, JP 6149833, published May 31, 1994. —   |
| <i>SUN</i><br><i>EAS</i> | AT | 6 |  |

EXAMINER

*EAS* *SUN*

DATE CONSIDERED

*2/25/05*  
~~Feb. 28, 2003~~

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.